

Application No. 09/926,609
Reply to Office Action of July 7, 2004

IN THE CLAIMS

Claims 1- 51 (Cancelled)

Claim 52 (New): A refrigerator door enclosure comprising a transparent glazing, said glazing comprising at least one viewing area, wherein the viewing area has deposited on at least one surface thereof an antifrosting adsorbent layer consisting essentially of a polymeric coating, said polymeric coating comprising at least one polymer selected from the group consisting of a polyvinylpyrrolidone, a polyvinylpyridine, a polyacrylate, a polyacrylamide, a polyvinyl acetate, a polyacrylonitrile, a polyvinyl alcohol, a polyacrolein, a polyethylene glycol, a polyoxyethylene, a polyurethane, and copolymers based on one or more thereof, and wherein said at least one surface and antifrosting adsorbent layer, after being maintained in a closed refrigerated environment at -28 °C, prevents the visible formation of condensation and frosting upon rapid exposure to room temperature and humidity for twelve seconds.

Claim 53 (New) The transparent glazing according to Claim 52, wherein the polymeric coating comprises at least one polymer selected from the group consisting of a polyvinylpyrrolidone and a polyurethane.

Claim 54 (New): The transparent glazing according to Claim 52, wherein the antifrosting adsorbent layer has a thickness of less than 100 microns.

Claim 55 (New): The transparent glazing according to Claim 52, wherein the antifrosting adsorbent layer has a thickness of less than 20 microns.

Application No. 09/926,609
Reply to Office Action of July 7, 2004

Claim 56 (New): The transparent glazing according to Claim 52, wherein the antifrosting adsorbent layer has a thickness of at least 14.5 microns and at most 100 microns.

Claim 57 (New): The transparent glazing according to Claim 52, wherein said at least one surface and antifrosting adsorbent layer, after being maintained in a closed refrigerated environment at -28 °C, prevents the visible formation of condensation and frosting upon rapid exposure to room temperature and humidity for three minutes.

Claim 58 (New) The transparent glazing according to Claim 57, wherein the polymeric coating comprises at least one polymer selected from the group consisting of a polyvinylpyrrolidone and a polyurethane.

Claim 59 (New): The transparent glazing according to Claim 57, wherein the antifrosting adsorbent layer has a thickness of less than 100 microns.

Claim 60 (New): The transparent glazing according to Claim 57, wherein the antifrosting adsorbent layer has a thickness of less than 20 microns.

Claim 61 (New): The transparent glazing according to Claim 57, wherein the antifrosting adsorbent layer has a thickness of at least 14.5 microns and at most 100 microns.

Claim 62 (New): The transparent glazing according to Claim 53, wherein polymeric coating comprises a polyvinylpyrrolidone.

Application No. 09/926,609
Reply to Office Action of July 7, 2004

Claim 63 (New): The transparent glazing according to Claim 53, wherein polymeric coating comprises a polyurethane.

Claim 64 (New): The transparent glazing according to Claim 53, wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Claim 65 (New): The transparent glazing according to Claim 54, wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Claim 66 (New): The transparent glazing according to Claim 55, wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Claim 67 (New): The transparent glazing according to Claim 56, wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Claim 68 (New): The transparent glazing according to Claim 58, wherein polymeric coating comprises a polyvinylpyrrolidone.

Claim 69 (New): The transparent glazing according to Claim 58, wherein polymeric coating comprises a polyurethane.

Claim 70 (New): The transparent glazing according to Claim 58, wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Application No. 09/926,609
Reply to Office Action of July 7, 2004

Claim 71 (New): The transparent glazing according to Claim 59, wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Claim 72 (New): The transparent glazing according to Claim 60, wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Claim 73 (New): The transparent glazing according to Claim 61, wherein polymeric coating comprises a polyvinylpyrrolidone and a polyurethane.

Application No. 09/926,609
Reply to Office Action of July 7, 2004

SUPPORT FOR AMENDMENTS

Claims 52 – 73 are supported by the claims as originally filed and by now cancelled claims 27 – 51. The list of polymers and copolymers in new claim 52 is found at page 5, middle, and page 8, top. The frosting test time of 12 sec is in the Table at the bottom of page 8, along with the three minute test. This test was done at -28°C, as discussed at the interview.